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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of) Group Art Unit:
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 Mario T. Philipp) Examiner:
)
 Appln. No.)
)
 Filed: Herewith)
)
 For: SURFACE ANTIGENS AND PROTEINS) December 13, 1999
 USEFUL IN COMPOSITIONS FOR THE)
 DIAGNOSIS AND PREVENTION OF)
 LYME DISEASE)

Assistant Commissioner for Patents
Washington, DC 20231

SECOND PRELIMINARY AMENDMENT

Sir:

Please amend the application as follows.

In the Specification

Page 1, line 6, insert the following before "Field of the Invention":

-- Cross-Reference to Related Applications

This is a 371 of PCT/US98/13551, filed June 29, 1998, which claims
the benefit of the priority of U. S. Patent Application No. 60/051,271, filed June 30,
1997 --.

Please enter the attached Abstract of the Disclosure on the attached
page.

Express Mail No. EK009062064US

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